



# The Engine selects VC veteran as new CEO and president

*Accelerator prepares to fund teams that demonstrate long term vision*

By Patrick Wahl  
NEWS EDITOR

MIT's startup accelerator and venture capitalist fund The Engine selected experienced Boston entrepreneur and investor Katie Rae as its president and CEO Tuesday, according to an *MIT News* release.

The Engine has been in the process of choosing its leadership since before it was first announced last October. The Engine also named members to its Board of Directors and Investment Advisory Committee, including Israel Ruiz SM '01, MIT executive vice president and treasurer, Anantha Chandrakasan, head of the Department of Electrical Engineering and Computer Science and Robert Kraft, a New England business magnate known as the owner of the New England Patriots.

The board of directors engaged with recruiting firm Heidrick & Struggles during the search for a president, Ruiz said in a call with *The Tech*. The team sought a candidate with experience in growing technology startups and early-stage investment, and with connections in the Boston ecosystem.

Since 2010 Rae has worked with innovation-centered firms including Techstars Boston, Startup Institute, and Project 11 Ventures. Before

that, she was the senior director of products for Microsoft Startup Labs in Kendall Square.

She has also worked with Harvard Business School and MIT's Sloan School of Management, and spoke at StartMIT's Innovation Night Jan. 11.

"My absolute favorite thing is working with funding teams," Rae said in a call with *The Tech*. "The more impactful they are, the more fun it is to work for them."

The Engine is already well known within the Boston innovation and investment community. Rae said that over 100 venture capital firms have written to her since the announcement, expressing their excitement about The Engine's upcoming inaugural investments.

"We have had a lot of enthusiasm since the launch in October," Ruiz said. "Many people want to see this succeed."

Peter Boyce II, an overseer at the student-oriented venture capital fund Rough Draft Ventures, said that he is enthusiastic about the opportunities The Engine will open up for students in the Boston area.

"We see an increasing number of companies at the intersection of technology and [cutting-edge] sci-

Engine, Page 7



The MIT Model United Nations club welcomed high school delegates at an opening ceremony in Kresge Auditorium.

## Hearing postponed for student arrested for unlicensed firearm possession

The second hearing for Angel De La Cruz, an MIT senior arrested last month for unlicensed possession of firearms in his dorm room, has been rescheduled to Mar. 13, according to his lawyer, Kristin Weberg. The hearing was originally to take place Feb. 13. De La Cruz is currently being held in custody without bail.

De La Cruz nevertheless made an appearance at court Tuesday. Many people showed up to support him, Weberg said in a call with *The Tech*.

Asked why De La Cruz was denied bail when arraigned last month, Weberg replied that the state had decided to move for a "defining of dangerousness based on the level of his

crime." She added that she may appeal the state's decision in an effort to have De La Cruz released on bail before his postponed hearing.

De La Cruz's original attorney was public defender Bruce Ferg. According to Weberg, De La Cruz retained her as his new attorney about two weeks ago.

— Vivian Zhong

# Broad Institute will retain patents for CRISPR

*Patent denied to competing biotech groups, Univ. of Calif. considers appeal*

By Andrew Pollack  
THE NEW YORK TIMES

The Broad Institute in Cambridge, Massachusetts, will retain potentially lucrative rights to a powerful gene-editing technique that could lead to major advances in medicine and agriculture, the federal Patent and Trademark Office ruled Wednesday.

The decision, in a bitterly fought dispute closely watched by scientists and the biotechnology industry, was a blow to the University of Califor-

nia, often said to be the birthplace of the technique, which is known as CRISPR-Cas9.

An appeals board of the patent office ruled that the gene-editing inventions claimed by the two institutions were separate and do not overlap.

The result is that the Broad Institute, a research center affiliated with MIT and Harvard, gets to retain more than a dozen patents it has already been granted on the use of the Crispr technique to modify DNA in the cells of humans, animals and

plants.

"It seems to be a decisive victory for the Broad Institute," said Jacob S. Sherkow, an associate professor at New York Law School who has followed the case closely.

The Broad Institute, in a statement, said it agreed with the decision. Officials at the University of California said they were considering an appeal, although they noted the ruling left the door open for the university to obtain its own patents covering the use of Crispr for all types of cells.

"They have a patent on green tennis balls; we will have a patent on all tennis balls," Jennifer Doudna, a professor at the University of California, Berkeley, said in a phone call with reporters. She has been widely credited as an inventor of the gene-editing technique.

Ultimately, companies wanting to apply Crispr for use in medicine, agriculture or other fields might need licenses from both the Broad Institute and the University of Califor-

nia.

## EVACUATED!

W20 shut down last night after a sewer line may have broken, causing water to back up into the building and flood the loading dock.

An email sent to the w20-occupants mailing list at 6:41 p.m. announced the problem with the sewer line and explained that the building's water had been shut off as a result.

Over the course of the next hour, students in the building were asked to leave.

A UA Council meeting scheduled for 7:30 p.m. was re-located at about that time to 1-379.

Members of *The Tech* finished up this week's issue in 8-119.

## ASA accepting applications to new student groups again

The moratorium imposed on new student groups by the Association of Student Activities has ended, meaning students can once again register new clubs. After a semester of not recognizing new groups due to understaffing and an outdated application system,

the ASA has resumed the recognition process as originally planned.

According to ASA President Nichole Clarke '18, the ASA Board is not understaffed anymore. It is also making final preparations for "the stage-one roll-out of the new database," wrote Clarke in an

email. As *The Tech* reported in October, the new online application and database is supposed to ease the burden for ASA board members reviewing applications, and streamline the process for students starting clubs.

— Drew Bent

## IN SHORT

Community meetings about the development of the Volpe site will be held today at 12 p.m. in W20-308 and 5:30 p.m. in Salons 5-7 at the Marriott Cambridge.

The OpenMind:OpenArt Gallery, an exhibit about neurodiversity and mental health, opens today at 6:30pm in the room next

to LaVerde's, W20-106.

Class of 2019 Ring Premiere will take place Friday at 7:30 p.m. in Kresge. Doors open at 7 p.m., and a 2019 MIT ID will be required for entry.

There is no class Monday for President's Day, and Tuesday will feature a Monday schedule. Enjoy the long weekend!

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An Iranian professor on the current political climate. **CAMPUS LIFE**, p. 3

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MIT needs to face the world. **OPINION**, p. 2

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Basketball season finishing strong. **SPORTS**, p. 12

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MIT figure skating club performs at home. **SPORTS**, p. 12

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WEATHER

# The groundhog didn't lie: at least six more weeks of winter

By Lily Dove  
STAFF METEOROLOGIST

I promise that here at *The Tech*, we don't solely rely on cute, cuddly animals to forecast the weather; however, from what we can tell, Punxsutawney Phil did have a good point this year. After being hounded by winter storms Niko and Orson in the last week, parts of the Northeast United States will again see another storm, Pluto. Boston will be spared the worst of the storm, which is set to hit today, but Vermont, New Hampshire, and Maine all have winter storm advisories in place. If you're traveling this weekend, stay safe

- with temperatures regularly hovering around freezing, ice is prevalent on the roads.

On this day in meteorological history, a snowstorm in 1895 produced nearly two feet of snow in Houston, Texas, with nine inches falling on New Orleans. Snow this close to the

mouth of the Mississippi River had not been recorded before. You think MIT students are dramatic? Try Texan newspaper reporters who had never seen snow before; the 19th Century style of writing combines with the sudden nature of the snowstorm to create a weather report which rivals the drama in a Shakespearean play.

Extended Forecast

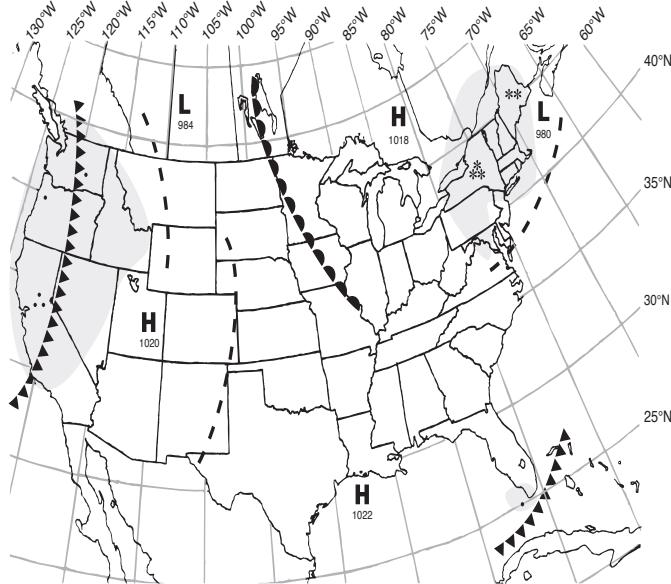
**Today:** Snow showers in the morning. High 35°F (2°C).

**Tonight:** Partly cloudy. Low 23°F (-5°C).

**Tomorrow:** Clear and sunny. High 35°F (2°C), Low 24°F (-4°C).

**Saturday:** Partly cloudy. High 40°F (4°C), Low 36°F (2°C).

**Sunday:** Cloudy in the morning. High 49°F (9°C), Low 33°F (0°C).



Situation for Noon Eastern Time, Thursday, February 16, 2017

Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
<b>H</b> High Pressure	— — Trough	Snow	Fog
<b>L</b> Low Pressure	— — — Warm Front	Rain	Thunderstorm
§ Hurricane	▲▲▲ Cold Front	Shower	Haze
	▲▲▲▲ Cold Front	Light	Compiled by MIT Meteorology Staff and <i>The Tech</i>
	— — — — Stationary Front	Moderate	
		Heavy	

GUEST COLUMN

## After the bubble burst

### MIT's partisan positions discourage debate and alienate students

By Daniel J. Newman

In the months leading up to the presidential election, the mostly left-leaning media and social networks promised a Hillary Clinton victory. Many students understandably lived inside a liberal bubble. However, after Donald Trump's surprising victory, it soon became clear that these students had been out of touch with the concerns of working class citizens living in the heart of this country. In the months since the bubble burst, MIT could have taken a nonpartisan position that attempted to broaden the community's perspective and to encourage disappointed students to make the best out of the situation. Instead, MIT's unproductive official response has reconstructed the divisive bubble and alienated many on campus.

In the immediate aftermath of the election, some professors pushed back deadlines and excused students from tests and assignments. The UA leadership informed the student body that they had emailed two administrators asking for "faculty to be more understanding with coursework." For those students who were distraught about the election, support groups were established. Puppies were disseminated. Would similar actions have been taken if Hillary Clinton had won? Unlikely. Although the UA leadership may have thought that their actions were justified, in reality, they were not solving problems. There is nothing productive about coddling those who supported the losing candidate, as it only teaches that one does not have to assimilate back into society and can instead hide in safe spaces with hashtags like #NotMyPresi-

dent. It is difficult for students to effectively cope and grow from the situation when our official representatives encourage self-pity and denial rather than the values in which MIT normally takes great pride: learning and interacting with reality.

After President Trump issued an executive order restricting the immigration of people from seven countries, the Chancellor's office sent an email inviting students to a rally in Copley Square. It was also noted that all faculty were invited. While MIT should be applauded for doing everything in its power to help the international students affected by this order, the administration overstepped by facilitating a protest and inviting students without even fully explaining the details of the executive order. The UA invited students to a Call Congress Phone Bank to "oppose the Executive Order restricting entry of students and scholars to the United States." The email described the event as "nonpartisan," but bribing students with food and handing out scripts outlining how students should tell their representatives they oppose an executive order from the leader of the Republican Party is highly partisan. Furthermore, at the time of the phone bank, both MIT undergraduates affected by the order had already returned to MIT. This strongly suggests that the UA leadership was hosting the event to push their own liberal views — a clearly inappropriate use of MIT funds.

As a consequence, many conservative MIT students now feel alienated on campus and are understandably fearful of expressing their alienation. It is endlessly ironic that liberals preach tolerance, yet

are often so intolerant of those who disagree with them. By constantly condemning Trump through official channels and pitting MIT's "values" against the values of a large fraction of the electorate, MIT's partisan stance has only exacerbated the polarization that has led us here. A nonpartisan approach by MIT would have been far better for all MIT students. In an effort to promote diversity of both culture and ideas, MIT should encourage its students to strive to see both sides of the political spectrum so as to find common ground. Such a nonpartisan approach would lessen the tension across campus, helping the upset students to convert disappointment into awareness and protecting the conservative students from the backlash. The MIT community as a whole could come together, heal, and set an admirable example for the rest of the country. Instead, MIT's official stance has had the unprogressive effect of promoting bullying and isolation of the conservative segment of the student body, as well as discouraging meaningful debate across party lines.

MIT students and faculty are normally extremely willing to interact with the forces of nature that stretch beyond our campus, even billions of miles away in space. Every day we witness the benefits that come with this openness for our campus and the world. The bubble doesn't exist when we study in our labs and classrooms. Let's also pop the bubble that surrounds our political conversations, acknowledge the diverse spectrum of views on our campus, and expose ourselves to reality.

*Daniel Newman is a member of the Class of 2017.*

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## TECH TRANSFERS

**Mohammad Alizadeh**

Immigrant members of the MIT community

I am an Iranian immigrant. I came to the United States in 2006 for graduate school, accompanied by my wife and soulmate. We both finished our PhD's at Stanford University. Since then, I've worked in a startup, a big company, and now, as an Assistant Professor of computer science at MIT. I'm proud to be Iranian, and I'm also proud to call the United States home. This country has given me incredible opportunities and put me in a position to follow my passions and do what I love. I strive to give back each and every day with my teaching and research.

I'm deeply worried about the current political climate and attitude towards immigrants, but I'm also hopeful. I have a four-month-old son, Omid (which means "hope" in Persian). I'm hopeful for his future. I believe the amazing people of this country will reaffirm American values once again.

*Editor's note: Tech Transfers is a photo series by Professor Daniel Jackson that features immigrant members of MIT.*

*Mohammad Alizadeh is an Assistant Professor in the department of Electrical Engineering and Computer Science.*



DANIEL JACKSON

Mohammad Alizadeh, assistant professor of computer science.

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CAMPUS LIFE CAMPUS LIFE CAMPUS LIFE CAMPUS LIFE CAMPUS LIFE

## CRISPR patent "could be worth hundreds of millions of dollars, or even more"

### CRISPR, from Page 1

fornia, a lawyer for the university said. However, Sherkow said he was doubtful that the university could obtain a broad patent, given the wording of Wednesday's decision.

Crispr has generated excitement among biologists because the technique makes it relatively simple to change particular letters in an organism's DNA, much like using word processing software to search for particular words and then deleting or replacing them.

That could allow for the development of new disease treatments that would fix defective genes in the human body. Crispr could also make it more practical to alter the DNA of human embryos, making changes that could be passed to future generations.

An influential national advisory panel said Tuesday that such heritable changes should be allowed only in the narrowest of circumstances, to prevent infants from ac-

quiring genes that would cause serious diseases, and only when there was no alternative.

If Crispr lives up to its promise, the patents on the technique could be worth hundreds of millions of dollars, or even more. However, related techniques, such as gene therapy and RNA interference, have also been described as having great promise and have resulted in few or no medical treatments so far.

Several companies are trying to develop medical treatments using Crispr, although they are in the early stage of development.

The stock of Editas Medicine, which holds licenses to the Broad patents, shot up nearly 30 percent Wednesday. By contrast, shares of Intellia Therapeutics and Crispr Therapeutics, which have licenses to the intellectual property from Doudna and her colleagues, each fell nearly 10 percent.

Those two companies, and others, may now have to negotiate licenses to the Broad patents, most

likely by paying fees and royalties. It is rare in the medical field for one patent holder to block another party from bringing a medical treatment to market.

There have been some exceptions, such as Amgen's current effort to block a rival cholesterol-lowering drug. But the Broad Institute and the University of California have given every indication that they want Crispr to be applied widely for public benefit, so the ruling Wednesday is unlikely to slow down research.

Crispr is an acronym for a natural process used by bacteria to fight viruses. Doudna, along with Emmanuelle Charpentier, now of the Max Planck Institute for Infection Biology in Germany, helped figure out how the process worked and demonstrated that the system could be used to cut DNA at any particular point in an organism's genome.

Their initial demonstration of the editing technique used chemicals in a test tube. Still, the publica-

tion of their paper in the summer of 2012 set off a rush to apply the technique to plant, animal and human cells.

Several months later, Feng Zhang, a young scientist at the Broad Institute, was one of the first to accomplish the task. In a surprise to researchers in the field, the Broad Institute was granted a series of patents covering the use of the technique in cells that have nuclei, including human cells and plant cells.

The University of California, along with Charpentier and the University of Vienna, where she once worked, challenged the patent award, and the patent office began a procedure, called an interference, to determine the rightful inventor.

The University of California and its allies argued that once the technique had been demonstrated in the test tube, it was obvious that Crispr editing could be applied in human and plant cells with a little tweaking. The Broad Institute

countered that significant inventive work was required by Zhang to get the technique to work in cells with nuclei.

On Wednesday, a panel of three judges of the Patent Trial and Appeal Board sided with the Broad Institute, saying that the paper by Doudna and Charpentier did not provide a "reasonable expectation of success" that the technique would work in plant, animal and human cells.

In a 51-page decision, the judges cited statements made in 2012 by experts in the field, including Doudna, saying that it was not yet known if the technique would work in human cells.

Still, Doudna and Charpentier have won various awards, a sign that many peers consider them to be pioneers in Crispr gene-editing. It remains to be determined if they can get their own patents and, if so, how broad they will be.

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## The Engine fills gap between private and gov't sponsorship

Engine, from Page 1

ence," Boyce said in a call with *The Tech*. He said that The Engine will provide access to workspaces and hardware typically out of reach of entrepreneurs.

Stan Reiss of Matrix Partners conveyed a similar sentiment. "There is a ton of very good university technology that just needs time, and our funds, with 10-year lives, aren't set up for very long development cycles," Reiss said in an email to *The Tech*.

The Engine is designed to fit inside a niche between private investment firms, which typically follow short life-cycles, and government-sponsorship, which will often fund exceedingly long-term projects.

"This kind of company, what we're trying to do, is very hard," Rae said. "There's a reason why this is not happening. This will require time and stability and patience. People may become impatient to see results, but the MIT community is invested in changing this for good."

Rae said that she hopes to see 10 organizations like The Engine across the world in 10 years. Boyce mentioned that other schools al-

ready have similar programs, such as Harvard's innovation lab, which brings together students from across departments to collaborate in an entrepreneurship-oriented workspace.

The next step for The Engine will be to choose a group of startups to fund.

Rae said of the process, "You need to have a founding team that's complete enough that they can make significant progress. They have to have a long term vision of what they want to create and their impact in the world. What most people stumble on is that they don't have a team — they don't have to have a complete team, but they have to have that foundation and the science behind it."

Of evaluating the science behind a startup, Rae said "sometimes we'll be right and sometimes we'll be wrong about whether it will work."

One of The Engine's working groups directed by Chandrasekaran is focusing on the effects of President Trump's immigration-restricting executive order, according to Rae. "We are a country of immigrants, and we are very concerned about this."

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## COURSE 0

a thinking approach to disbelief and secularism

**SUBJECT 1**

## SCIENCE, RELIGION, AND ASTRONOMY

The Star of Bethlehem in a New Light

Dr Aaron Adair, author of *The Star of Bethlehem: A Skeptical View*, speaks about the scientific explanations for claimed religious phenomena, with the Biblical tale of the Star of Bethlehem as a central case study.

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Aaron Adair  
Foreword by Bob Berman

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\*Other rules apply. A copy of all rules will be provided at a scheduled meeting.

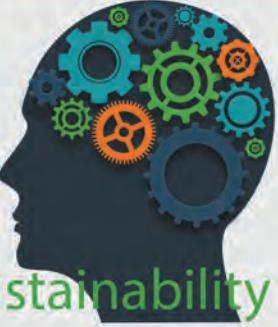
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E15-070



### Behavioral Science and Nudges



### Environmental Protection and Sustainability

MON, FEB 27 | 2 PM - 3:30 PM | MIT Bartos Theater, E15-070



### THE FIGHT OVER FOREIGNERS

#### Visas & Immigration in the Trump Era

TUES, FEB 28 | 5 PM - 6:30 PM | MIT Wong Auditorium | E51-115



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# MIT List Visual Arts Center



**Charlotte Moth: *Seeing while Moving***

**Gwynneth Boelens: *At Odds***

**Two new exhibitions on view:**

**February 17 – April 16**

**Opening Reception**

**Thursday, February 16, 6–8 PM**

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For more information, please visit [listart.mit.edu](http://listart.mit.edu)



#MITLISTARTS

MIT List Visual Arts Center, Bldg. E15, 20 Ames St.

Charlotte Moth, *Noting Thoughts* (2011)  
Installation detail  
Courtesy of the artist and Galerie Marcellle Alix, Paris  
Photo: John Dean



MIT List Visual Arts Center

Pen...

## Solution, page 10

A partially filled 9x9 Sudoku grid. The visible numbers are:

		3		7				
		9		5				3
		8	3			9	4	
	7	4			9	5		2
		8				4		
1		2	6			7	9	
	6	5		9	8			
2			7		3			
				6		2		

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

# Apple

## Solution, page 10

120x		12x	4
	240x	3x	
72x		15x	5
12x		1	6x
5	120x	2-	
4+			6

Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.

# Pineapple

## Solution, page 10

A partially filled 9x9 Sudoku grid. The visible numbers are:

1		9			4			
8	3			1	2			
	7	2	6				8	1
	5							9
	2						7	
9								5
2	9			3	5	1		
			2	9			3	6
			7				9	2

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

# Pen!

## Solution, page 10

12x	240x			5+	6x
	20x		1		
5		144x			
2		6x	36x		5
6x	1-		1-		4
		1		2-	

Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.

# We're Stuffed by Carolyn Stewart

Solution, page 10

## ACROSS

1 Ziti or elbows  
 6 City near St.  
 Petersburg  
 11 S&L outdoor device  
 14 Of the same value  
 15 Squirrel snack  
 16 Keogh alternative  
 17 Easy job  
 19 Guy  
 20 Out of danger  
 21 Luau instrument  
 22 Needing a nap  
 24 Jacket sleeves  
 26 Drives too fast  
 27 Explorer \_\_ Polo  
 30 Very strict  
 31 Assumed name  
 32 Drug cop  
 33 Definite article  
 36 '80s fad doll  
 40 Double-curve letter  
 41 Catch sight of  
 42 New Zealand native  
 43 Windowpane sealant  
 45 Beginning stage  
 46 Tilts

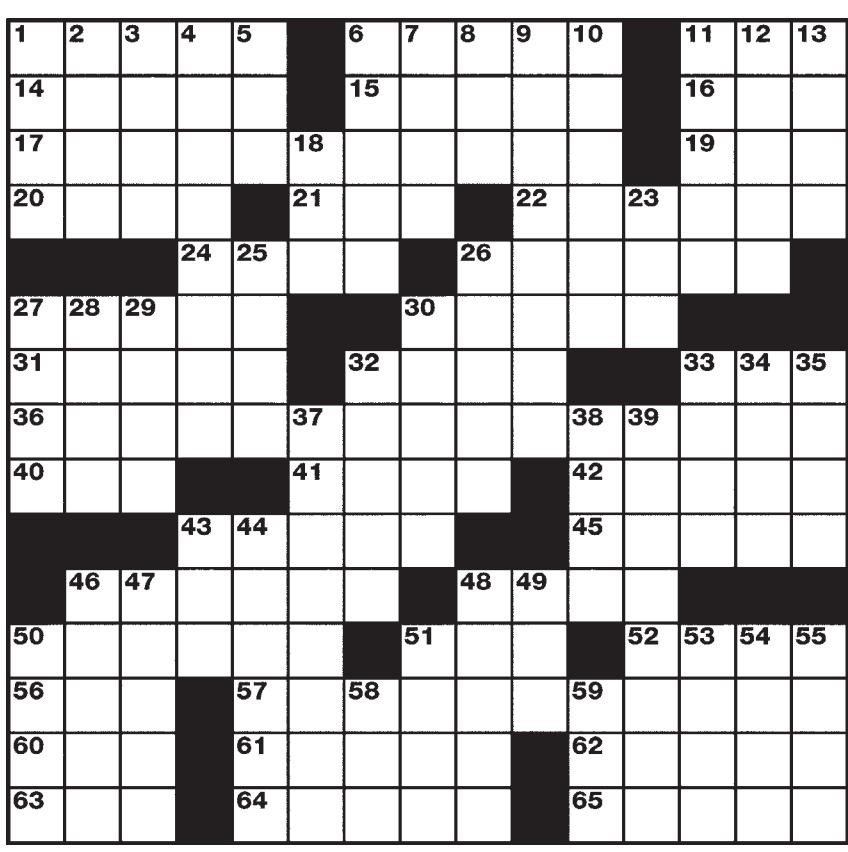
50 1862 Tennessee  
 battle  
 51 "Now I get it!"  
 52 One of the Three  
 Bears  
 56 Box-office smash  
 57 Infielders' warm-ups  
 60 Washington's bill  
 61 Wipe clean  
 62 Author Wharton  
 63 Part of mph  
 64 More recent  
 65 Disorganized

**DOWN**

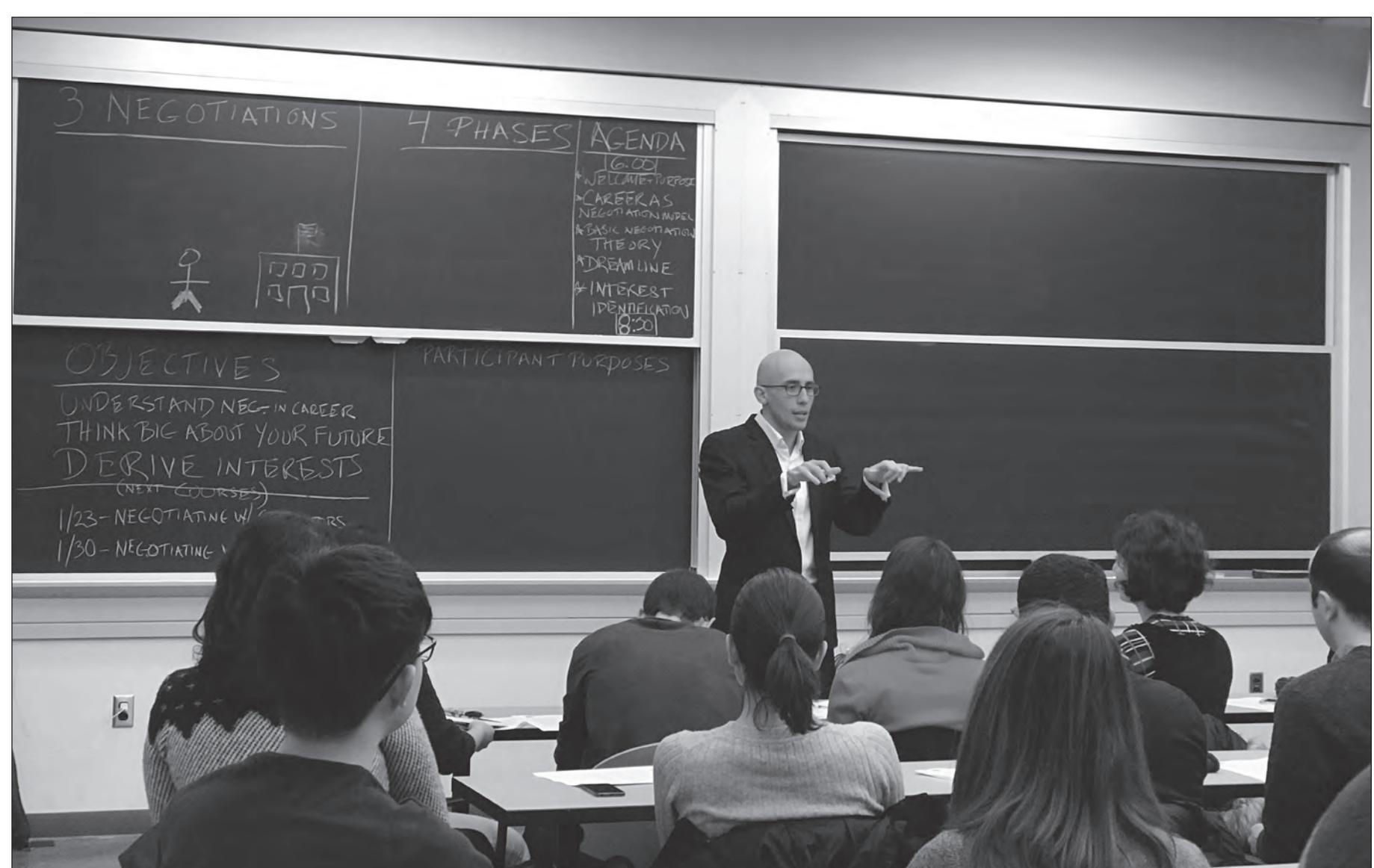
1 Parakeets and poodles  
 2 Pastel blue  
 3 \_\_-and-turf dinner  
 4 Go by taxi  
 5 Stein filler  
 6 Jobs to do  
 7 Longing  
 8 Bovine bellow  
 9 Potential buyer  
 10 Moose feature  
 11 Endeavored

48 Drop

- 12 Golf hazards
- 13 Quite a few
- 18 "Delicious!"
- 23 Poetic nightfall
- 25 Civil rights icon
- Parks
- 26 Wander off
- 27 Nutmeg spice
- 28 "Such a pity!"
- 29 Barbecued "rack"
- 30 Oversentimental
- 32 Sparrows' shelters
- 33 Boxing stats
- 34 Add to the payroll
- 35 Make revisions to
- 37 Arrive at one's destination
- 38 "Hurry it up!"
- 39 Individually crafted
- 43 Good buddy
- 44 Still sealed
- 46 Luster
- 47 Ginger ale bottle size
- 48 Transparent
- 49 Portion of corn
- 50 Browse for bargains
- 51 Cathedral area



53 Parisian pals	rivals	58 Ferret's foot
54 Yankees' crosstown	55 Pale	59 Valuable stone



ANSELMO CASSIANO—THE TECH

**Justin Wright**, a negotiating instructor who graduated from Yale, led a series of workshops throughout January to help attendees with career building. The event was organized by MIT Spouse and Partners.



**The Tech** seeks a temporary office after the student center is shut down on the night of publication.

### Solution to Apple from page 9

1	5	3	2	6	4
4	2	6	5	3	1
2	6	4	3	1	5
6	4	2	1	5	3
5	3	1	6	4	2
3	1	5	4	2	6

### Solution to Pen! from page 9

4	6	5	2	3	1
3	5	4	1	2	6
5	1	6	3	4	2
2	4	3	6	1	5
1	3	2	5	6	4
6	2	1	4	5	3

### Solution to We're Stuffed from page 9

P	A	S	T	T	A	M
E	Q	U	C	O	R	I
T	U	R	K	E	S	H
S	A	F	Y	S	O	O
M	A	R	C	T	M	A
A	L	I	A	S	N	R
C	B	B	A	G	E	T
E	S	S	P	A	T	H
P	U	T	E	C	K	I
S	L	A	S	D	Y	D
S	H	I	L	H	A	M
H	I	T	P	E	P	G
O	N	E	R	A	S	E
P	E	W	Y	E	D	I
N	E	W	E	Y	E	Y
E	W	E	E	E	E	E

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Meet company representatives, schedule interviews, listen to information  
sessions and improve your application in our **CV workshop!**

### Solution to Pen... from page 9

8	9	3	4	7	6	1	2	5
4	2	6	9	1	5	8	7	3
5	1	7	8	3	2	9	4	6
6	7	4	1	8	9	5	3	2
9	5	8	3	2	7	4	6	1
1	3	2	6	5	4	7	9	8
7	6	5	2	9	8	3	1	4
2	8	1	7	4	3	6	5	9
3	4	9	5	6	1	2	8	7

### Solution to Pineapple from page 9

1	6	9	8	7	4	3	2	5
8	3	4	5	1	2	6	9	7
5	7	2	6	3	9	4	8	1
7	5	1	3	4	8	2	6	9
3	2	8	9	5	6	1	7	4
9	4	6	1	2	7	8	5	3
2	9	7	4	6	3	5	1	8
4	8	5	2	9	1	7	3	6
6	1	3	7	8	5	9	4	2



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Image: Convocation 2016. Credit: Justin Knight.



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## BASKETBALL

# MIT basketball teams bask in glow over weekend victory, look to finish on high note

By Zachary Collins  
SPORTS EDITOR

This past Saturday, both the men's and women's basketball teams competed at home in Rockwell for one of the final times of this regular season. It would be an understatement to say it was just a good day for the Engineers.

The women's team took the court first in a game against Mount Holyoke College, but it didn't take long for them to grasp command of the game and turn it into a rout. By the halfway point, the engineers were up by 21 and would finish the game with an absurd 38 point margin of victory. MIT limited Holyoke to just 20% shooting and forced them into 20 turnovers - a stifling defensive performance that helped them build such a strong lead.

The men's team started their

game against Wheaton College just a few minutes later. Hot shooting by the Lyons kept them in the game, but with activeness and poise, the Engineers stayed in front the entire time, developing a large advantage in the closing moments to put the game out of reach. En route to their eight point win, they would force Wheaton into 19 turnovers and out-rebound them by a margin of six.

This weekend was just an exclamation point on what has been superb season for both teams. The women's team, following the game, stands at 19-4, tied with Babson College for the best record in the NEWMAC conference. Kara Holinski '19 has lead the team in scoring. She is averaging 14.6 points per game and was recently named to the CoSIDA Academic All-District

Team. Taylor V'Dovec '19 has also had a great season, averaging 14.1 points and 7.0 rebounds per game for the Engineers.

Following their victory against Wheaton, the men's team has a record of 18-5, second in the NEWMAC conference. Tim Butala '17 and Dakota Pierce '19 were also named to the CoSIDA Academic All-District Team for their performances this season. Butala has averaged 13.9 points and 5.6 rebounds while Pierce has averaged 11.2 points and 4.0 rebounds. Bradley Jomard '19 had lead the team in scoring with 16.8 points per game.

With the postseason rapidly approaching, both teams look to finish their seasons on a good note as they each play their final games on Saturday. The women's team will play at WPI and the men's team will play at Babson.



ROBERT KRAWITZ—THE TECH

MIT guard Liana Ilutzi '17 drives the ball into the paint for the Engineers during Saturday's game against Mount Holyoke College.

## FIGURE SKATING

# MIT Figure Skating Club hosts intercollegiate competition, finishes seventh with six medals

By Diane Zhou  
TEAM REPRESENTATIVE

The MIT Figure Skating Club hosted the first Eastern Intercollegiate Figure Skating Team Competition of this season on February 4-5, 2017. Skaters representing 30 different colleges from across the East Coast came to the Johnson Athletics Center to compete. Boston University won the competition with 84 points, followed closely by the University of Delaware with 80 points. Dartmouth College came in 3rd with 66 points, while MIT earned 23 points to place 7th overall.

Kevin Shum '19 took home

gold medals in both the Senior Men Short Program and the Senior Men Championship Free Skate events to earn nine points for MIT. Also a skater for Team USA, Kevin skated to "Eleanor Rigby" for his short program and "The Sound of Silence" for his free skate. He showcased an abundance of triple jumps, including an impressive triple lutz - triple toe loop combination.

Flora Su G contributed six points from competing in two Senior Ladies events. She won 2nd place out of nine skaters in Senior Ladies Free Skate Group 1 with an elegant tango to "Adios Nonino." A graceful performance

featuring a beautiful layback - Biellmann spin placed Flora in 4th out of eight skaters in the Senior Ladies Short Program event.

Club President Diane Zhou '19 earned four points for MIT with her 2nd place finish out of nine competitors in Senior Ladies Free Skate Group 2. She floated through her routine to "Reflections of Passion" and landed seven double jumps, including a double salchow - double toe loop combination and a double flip - double toe loop combination.

Tetsuya Kaji G contributed two points with a silver medal in the Pre-Juvenile Men Free Skate event. His program to the main

theme from Westworld highlighted stunning glides, including hydroblading and an ina bauer.

Jon Lu '17 made his competitive figure skating debut with an inspiring skate to "You Raise Me Up," which featured a spread eagle glide and a waltz jump. His silver medal earned MIT two more points.

Team Captain Ananya Nandy '19 landed a double salchow and a double toe loop in her routine set to "Hotel California," placing 9th in the Junior Ladies Free Skate event. Brooke Tam G performed the Willow Waltz for the Intermediate Dance event and skated to "The Trolls" from Disney's Frozen for the Preliminary Ladies Free Skate event, finishing 6th and 7th respectively. Skating to the main theme from Love Story, Maya Sankar '20 placed 6th in the Preliminary Ladies Free Skate event. A Canasta Tango performance put Priyanka Chatterjee G in 7th place in the Preliminary Dance event.

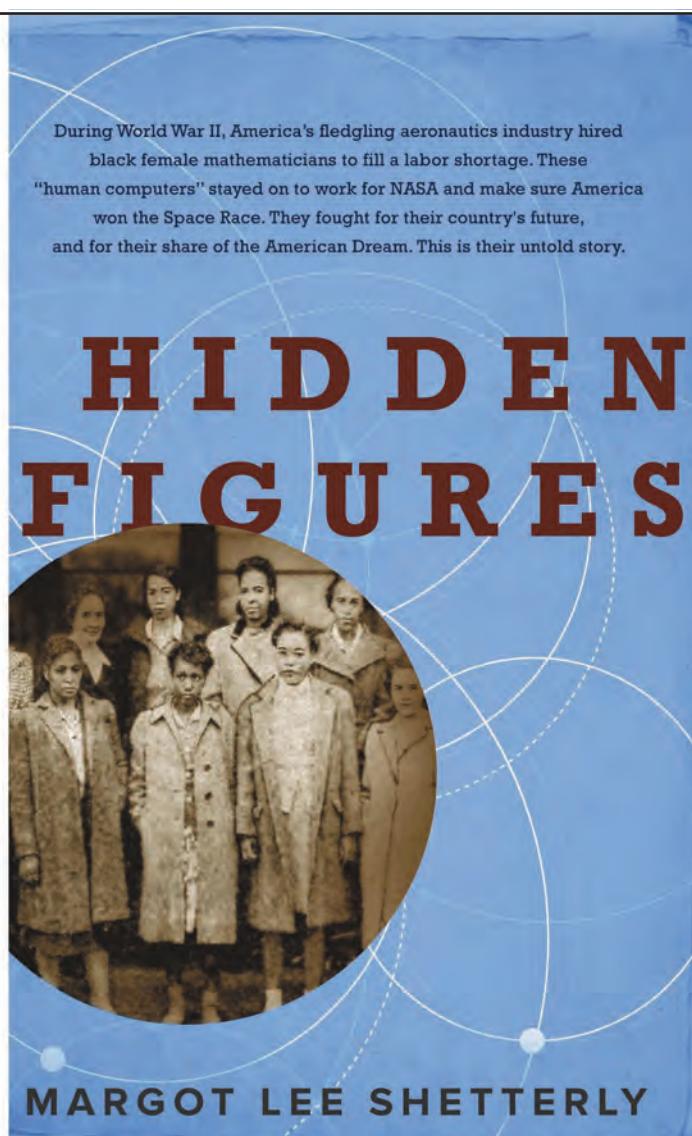
The MIT team will compete again at the next Eastern Intercollegiate Team Figure Skating Competition, to be held at Liberty University the first weekend of March. The MIT Figure Skating Club's next event will be their annual Spring Exhibition on Sunday, March 12, 2017.

Join us for a book discussion

Wednesday, February 22, 5pm or Thursday, March 2, 12pm

Refreshments will be served. Request the book through Barton or buy it at MIT Press Bookstore. Registration required.

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## SPORTS BLITZ

**Men's basketball (18-5)** remained undefeated in February as they outlasted Wheaton College 75-67. Cameron Kurb '19 scored 17 points.

**Women's basketball (19-4)** crushed Mount Holyoke 68-30. Reserves Maude Gull '19 and Cindy Si '20 shone, notching 14 points each. Taylor V'Dovec '19 continued her dominance and was named NEWMAC Offensive Athlete of the Week and received a NEWBA Player of the Week Honor Roll.

**Men's volleyball (11-3)** defeated Nazareth and swept Bard in the opener of the United Volleyball Conference.

**Men's fencing (13-13)** displayed gritty performances in the Eric Sollee Invitational, with Sheel Patel '19 cruising to a 17-1 individual record, and walked out of the Duke University Invitational with one win against John Hopkins, 14-13.

**Women's fencing (15-13)** went 4-2, largely in part to the epee squad going undefeated, but were swept at the Duke University Invitational.

**Squash (17-4)** started the month with back-to-back victories against Tufts and Amherst and were selected to compete in the C division of the Summers Cup at the CSA Team National Championship this weekend.